

Title (en)

PLATE HEAT EXCHANGER, AND A METHOD OF MANUFACTURING A PLATE HEAT EXCHANGER

Title (de)

PLATTENWÄRMETAUSCHER UND VERFAHREN ZUR HERSTELLUNG EINES PLATTENWÄRMETAUSCHERS

Title (fr)

ÉCHANGEUR DE CHALEUR À PLAQUES ET PROCÉDÉ DE FABRICATION D'UN ÉCHANGEUR DE CHALEUR À PLAQUES

Publication

**EP 3973243 B1 20230301 (EN)**

Application

**EP 20725687 A 20200508**

Priority

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Abstract (en)

[origin: WO2020234006A1] A plate heat exchanger and a method of manufacturing a plate heat exchanger are disclosed. The plate heat exchanger comprises plurality of plates (2, 3, 4), each comprising a central area (6) with a corrugation (7) of ridges and valleys extending between an upper level (p') and a lower level (p''). Each of four porthole areas (11) comprises an annular flat area (12) located at the upper or lower level. The plates comprise heat exchanger plates (2) and an end plate (3, 4). Each heat exchanger plate comprises four portholes (13) through the respective porthole area. Each porthole area of the end plate is closed by a plate portion (20). A number of protrusions project from the annular flat area of the end plate to one of the lower level and the upper level. The protrusions, that project to the upper level, abut the annular flat area of the adjoining heat exchanger plate.

IPC 8 full level

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